

Fig. 1A

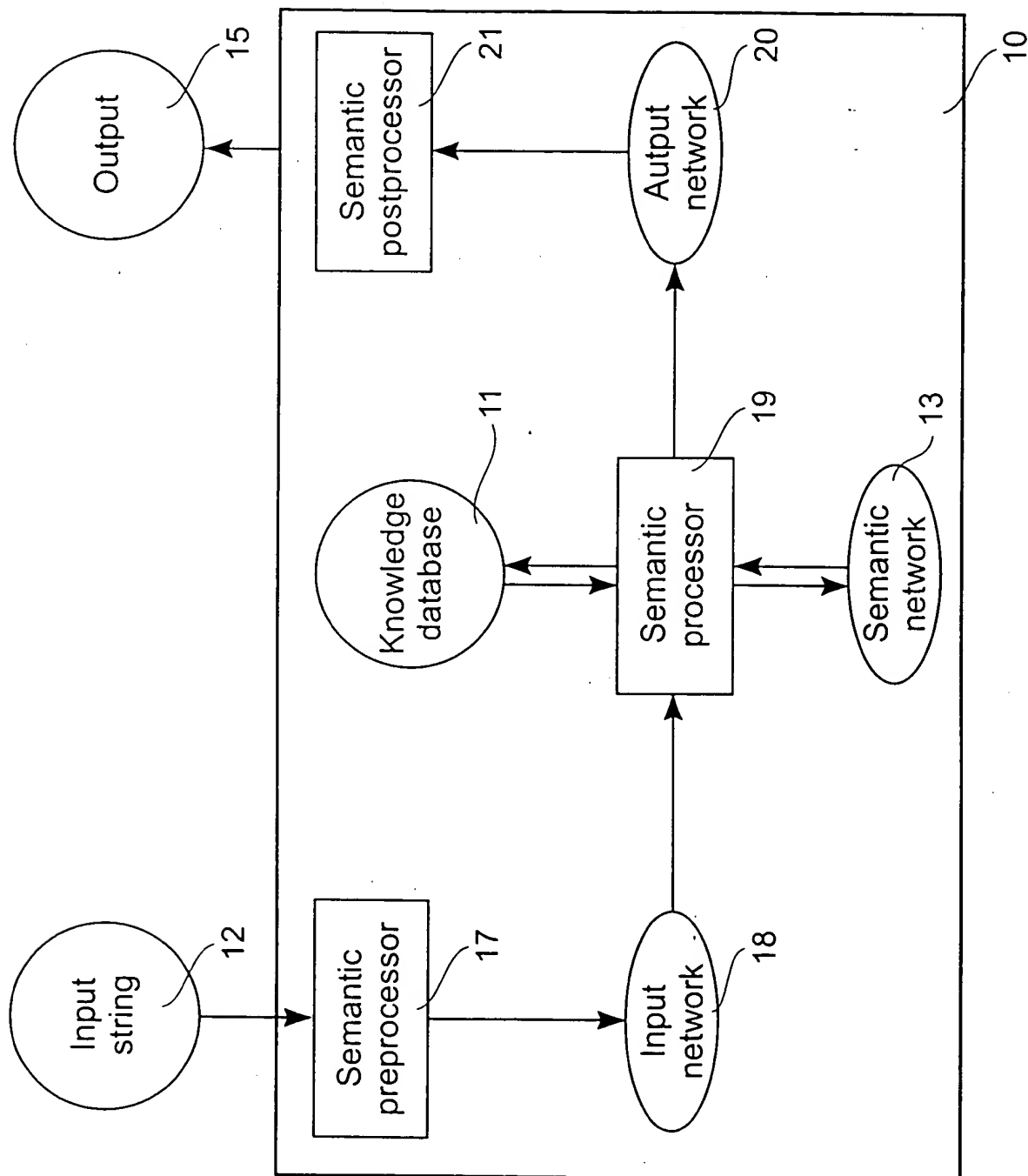


Fig. 1B

Fig. 1A "Semantic processor"

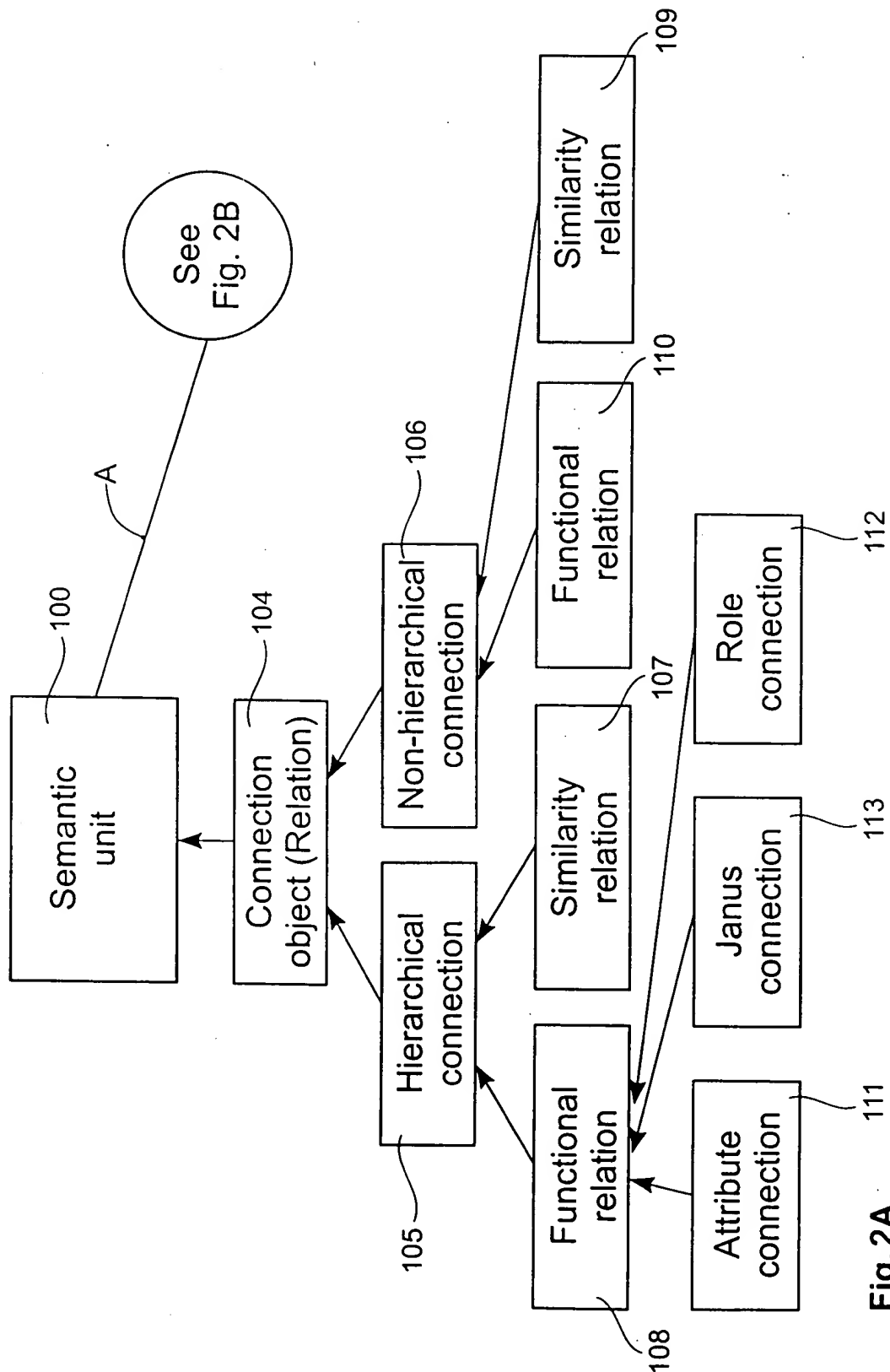


Fig. 2A

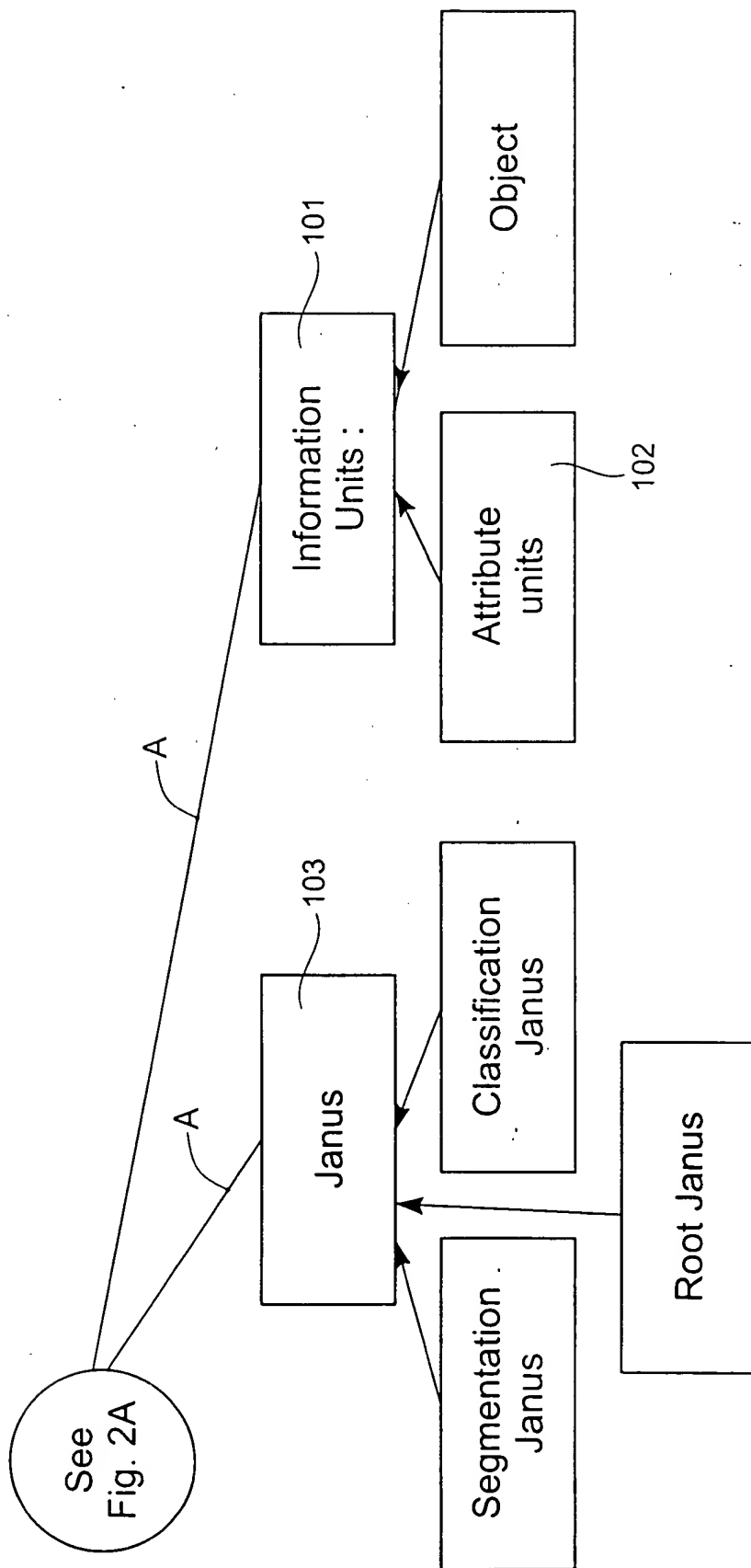


Fig. 2B

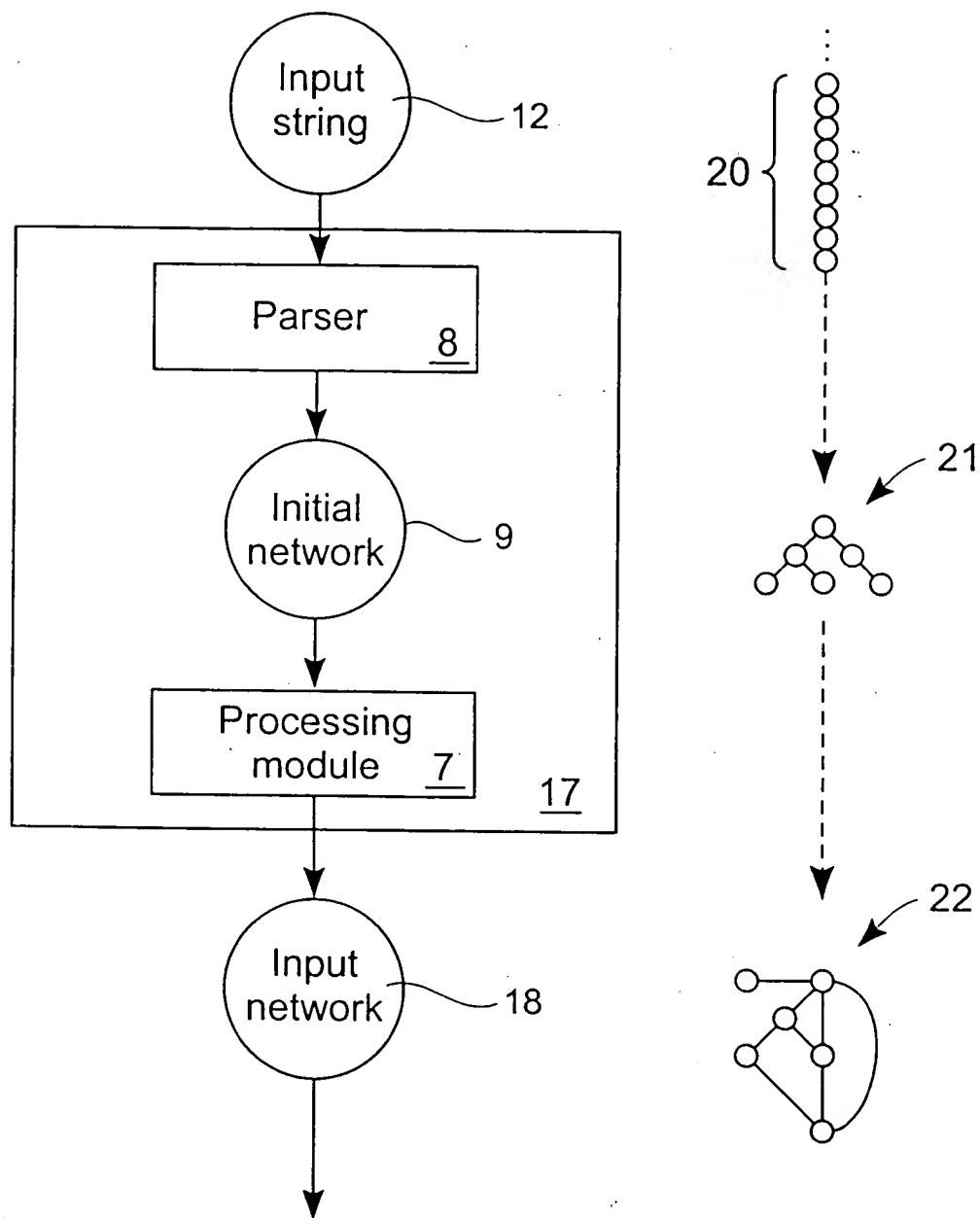


Fig. 3

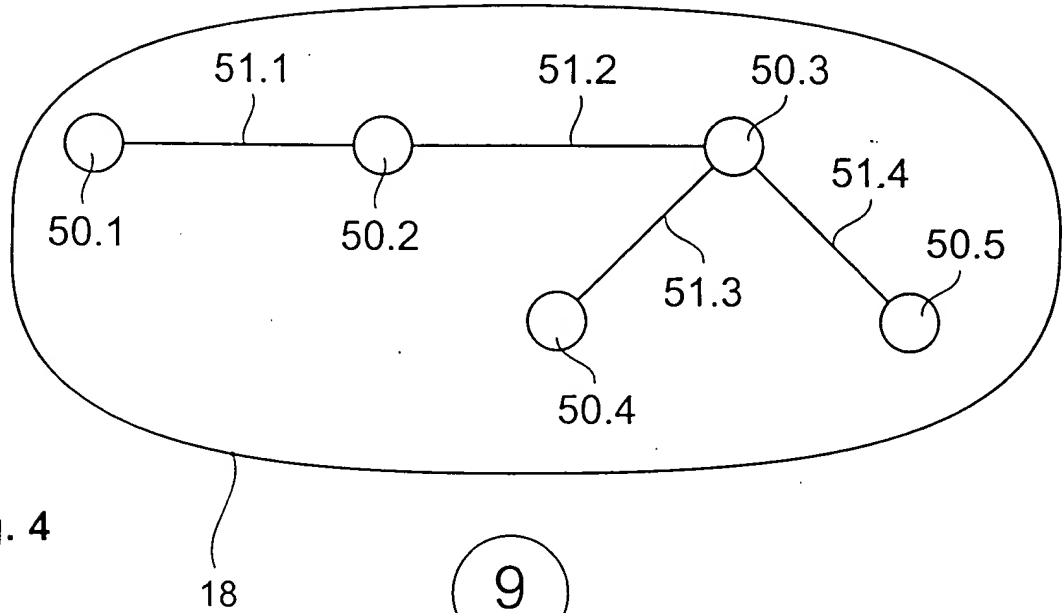


Fig. 4

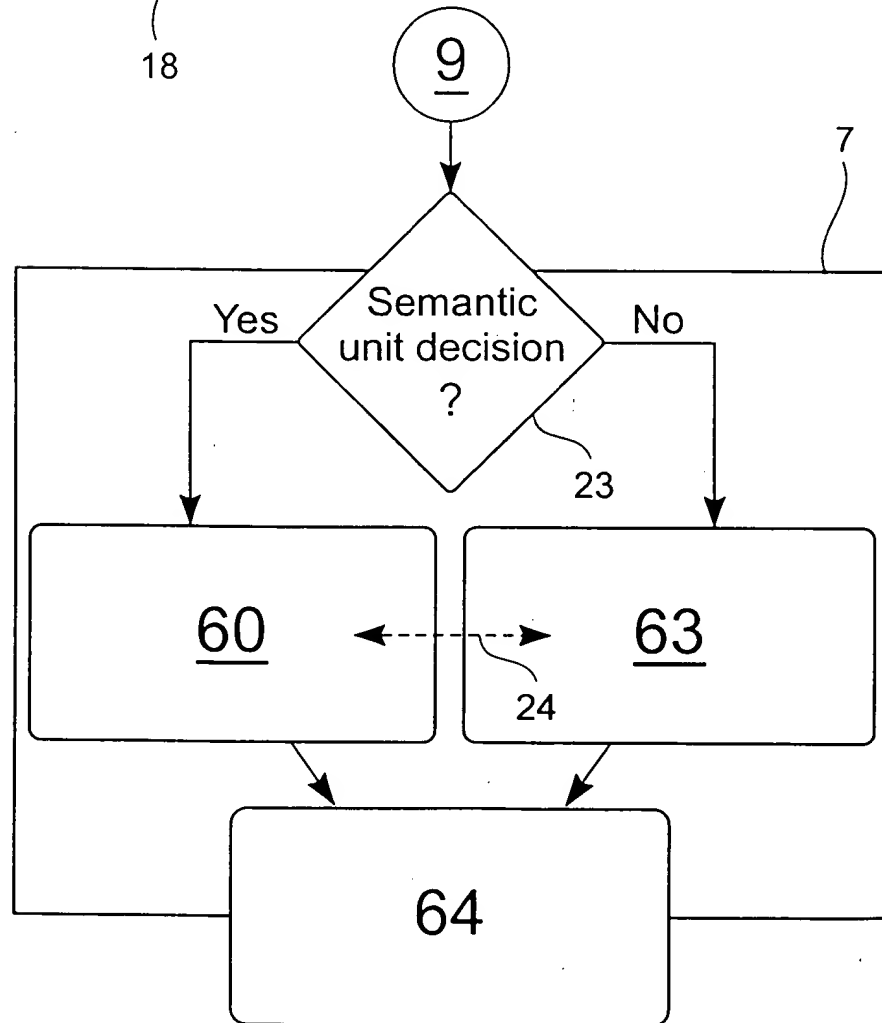


Fig. 7

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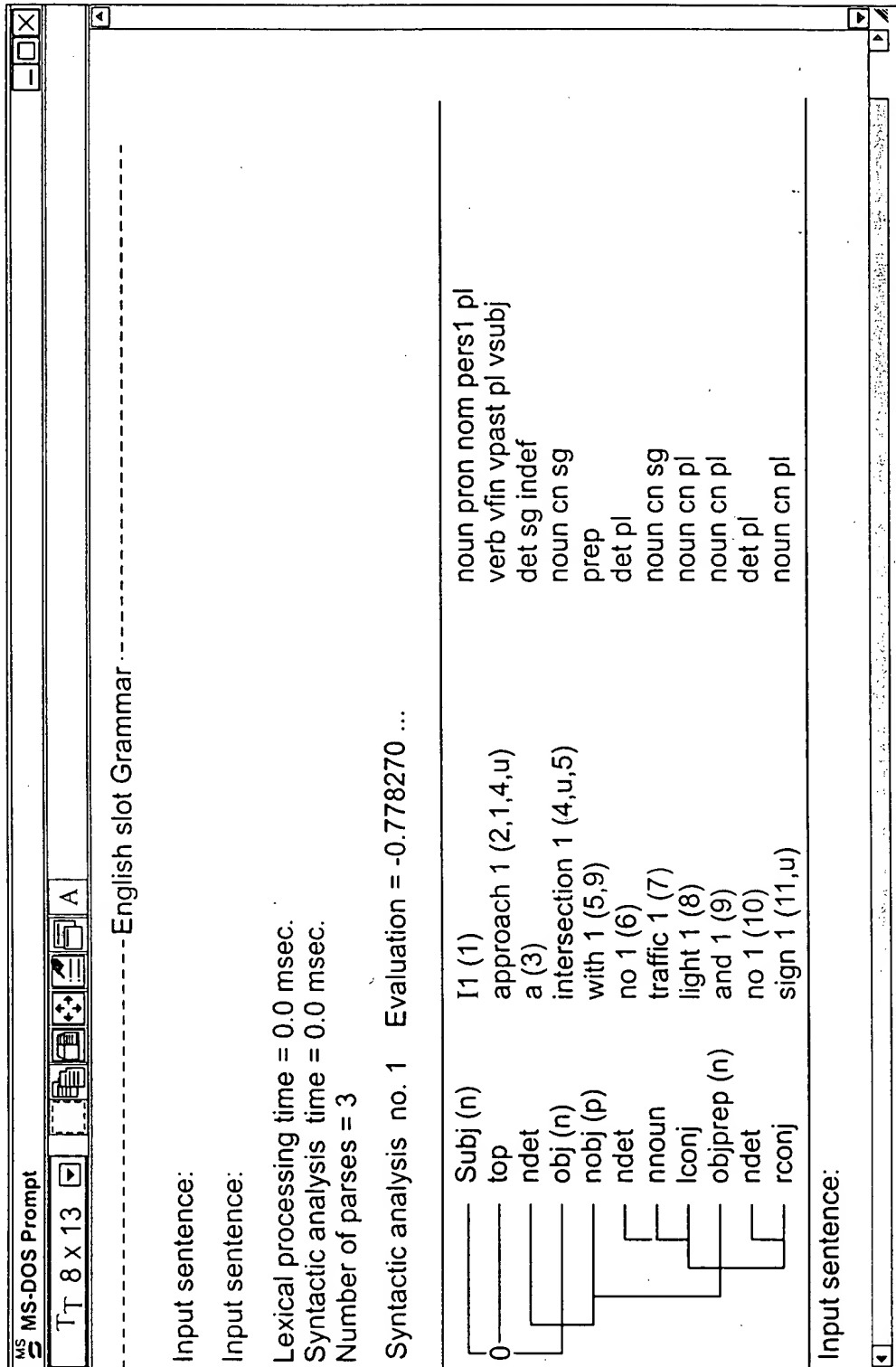


Fig. 5A

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FIG. 5B

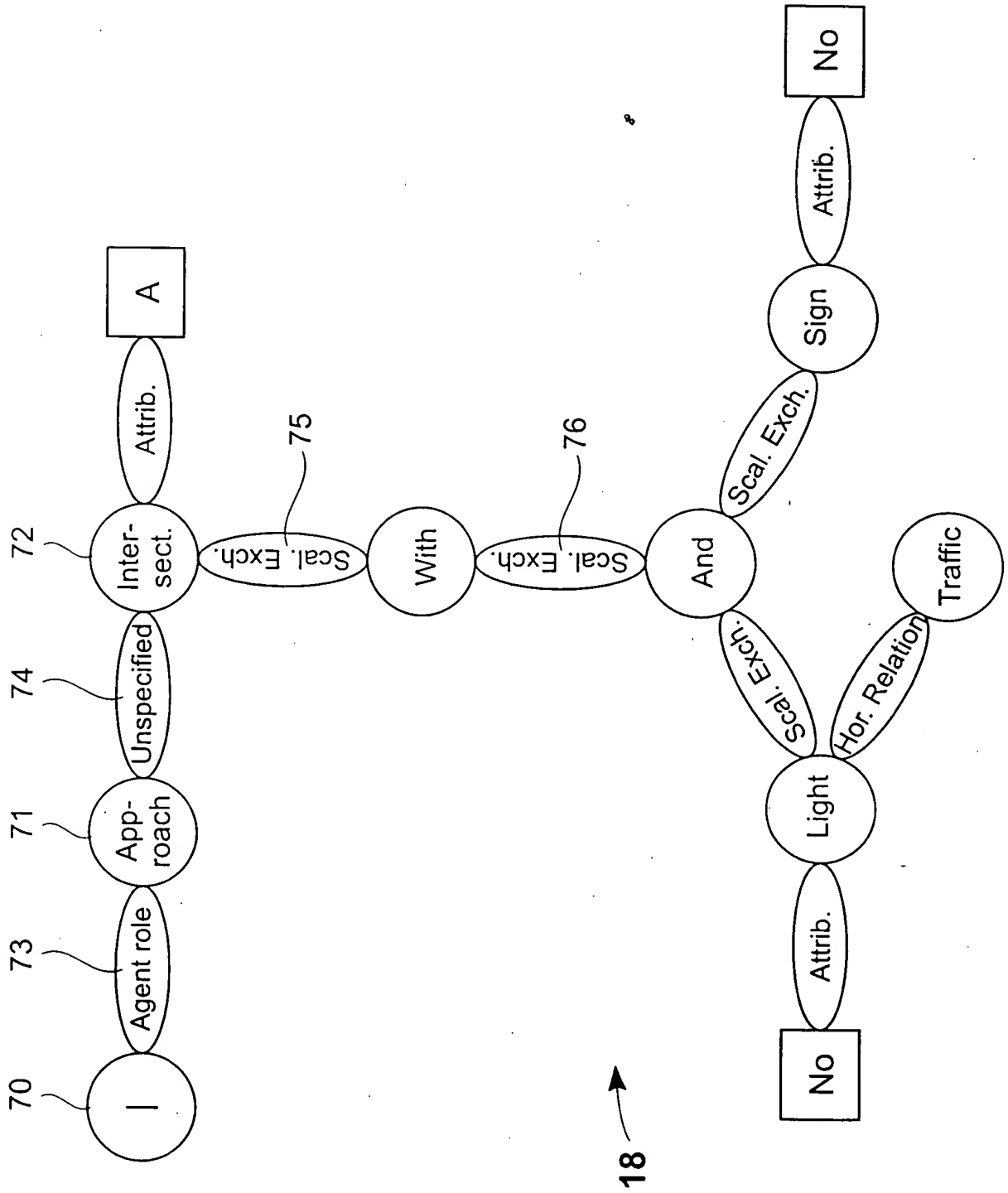


Fig. 5B

SEMANTIC UNIT DECISIONS:

- 60 {
- 0-element of the Syntax Type String = 'NOUN' --> object 'INFORMATION'
 - 0-element of the Syntax Type String = 'VERB' --> object 'INFORMATION'
 - 0-element of the Syntax Type String = 'SUBCONJ' --> object 'INFORMATION'
 - 0-element of the Syntax Type String = 'PREP' --> object 'INFORMATION'
 - 0-element of the Syntax Type String = 'DET' --> object 'ATTRIBUTE'
 - 0-element of the Syntax Type String = 'ADV' --> object 'ATTRIBUTE'
 - 0-element of the Syntax Type String = 'ADJ' --> object 'ATTRIBUTE'
 - 0-element of the Syntax Type String = 'INFTO' --> object 'ATTRIBUTE'
 - 0-element of the Syntax Type String = 'QUAL' --> object 'Information'

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CONNECTION DECISIONS:

- 63 {
- 1) SyntaxTypeString (element 0) = VERB
Slot (element 0) = the other word's position
OtherSyntaxType String (element 0) = NOUN
.....
→ Create agentrole connection (typ 0)
 - 2) SyntaxTypeString (element 0) = VERB
Slot (element 1) = the other word's position
OtherSyntaxTypeString (element 0) = NOUN
No passive form
No gerund form
.....
→ Create objectrole connection (type 1)
 - 3) other words entry type is 2
.....
→ Create attribute connection
 - 4) SyntaxTypeString (element 0) = NOUN
OtherWord = WITH
.....
→ Create scaling exchange connection
 - 5) OtherSemanticalTypeString = NNOUN

Fig. 6A

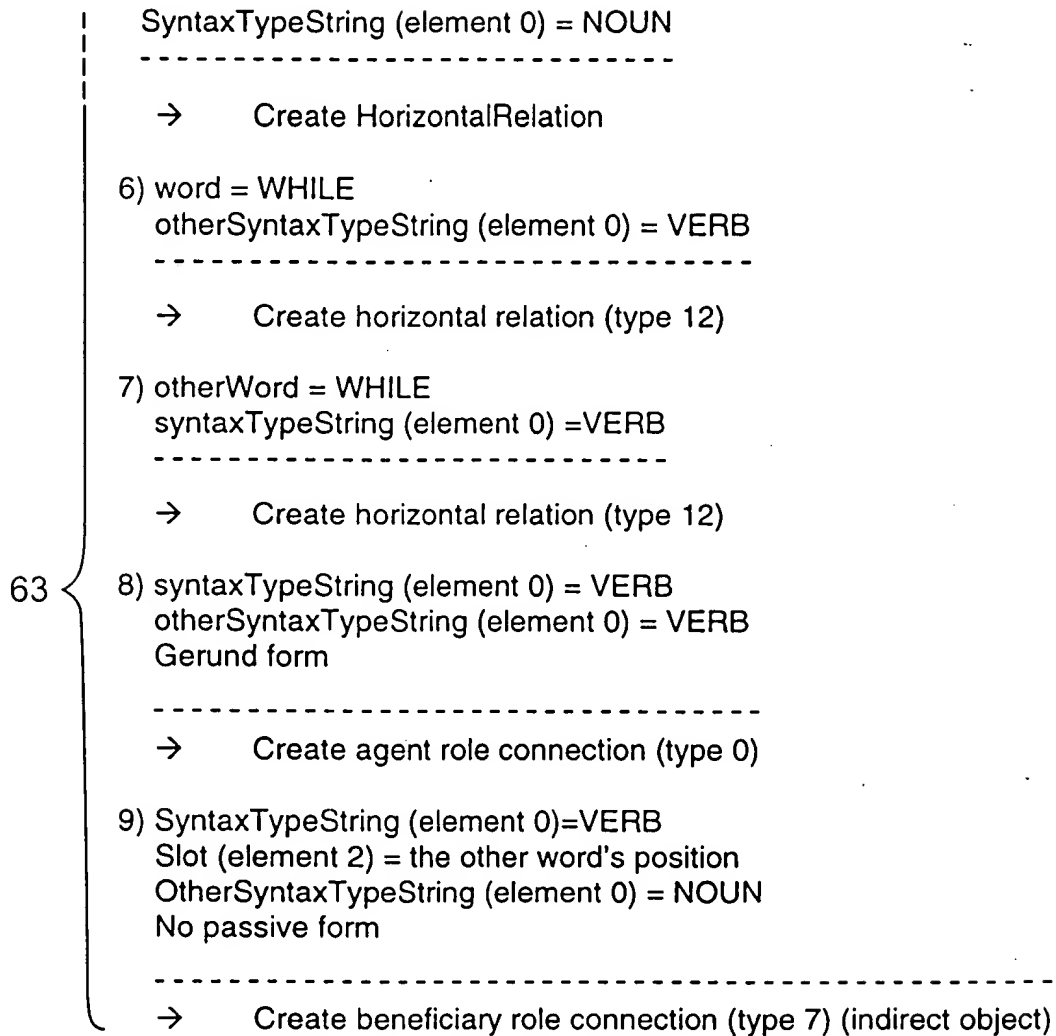


Fig. 6B